

PRE-CERCLA SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLA screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets for the narrative.

Checklist Preparer:

<u>Madelyn Adams</u> (Name / Title)	<u>7/29/2016</u> (Date)
<u>Ohio EPA</u> (Agency)	<u>(937) 285-6456</u> (Phone)
<u>Madelyn.Adams@epa.ohio.gov</u> (Email Address)	

Site Name: Former Simclar Facility

Other Names (if any): Globe Motors, Globe Industries, TRW, Labinal, Lytton

Site Location: 1784 Stanley Ave
(Street)

<u>Dayton</u> (City)	<u>Montgomery</u> (County)	<u>OH</u> (State)	<u>45404 -1149</u> (Zip+4)
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Congressional District 10

Latitude: 39.7872 Longitude: -84.1853

Geospatial Information: With regards to the Latitude and Longitude, please provide the following information: Accuracy in Meters +/-, Collection Method, Reference Datum, Reference Point, Source Map Scale, Point/Line/Area; Collection Date; Verification Method Check to confirm that geospatial information has been attached ☐

Complete the following checklist.

	YES	NO
1. Does the site already appear in SEMS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Is there an actual release or potential to release?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Are there potential targets on-site or within one mile of the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Is there sufficient documentation that clearly demonstrates that there is no potential for the release to cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

10. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Preparer's Recommendation:



Enter the site into SEMS. Further assessment is recommended.
The site is not recommended for placement into SEMS.

Please explain recommendation below:

DECISION/DISCUSSION/RATIONALE:

The property overlies the Great Miami Buried Valley Sole-Source Aquifer and is located approximately 0.5 miles from the city of Dayton's Miami well field well head protection area. The Miami well field serves a population of about 141,400.

U.S. EPA and Ohio EPA became aware of ground water and soil contamination at the property during sampling for the Behr Dayton Thermal Systems VOC Plume Superfund site (Behr) that is side gradient the Simclar property. Behr is a federally designated Superfund site that has an extensive ground water and vapor plume of TCE. In 2007, as part of the remedial investigation for Behr, the area surrounding Behr was investigated and the three monitoring wells on the Simclar property were sampled: TCA was detected at a concentration of 710 ppb (federal MCL is 200 ppb), as well as TCE and PCE at concentrations of 520 ppb and 22 ppb, respectively (MCL for both compounds is 5 ppb).

In December 2012, Ohio EPA's Site Investigation Field Unit (SIFU) collected grab ground water samples at the site. The highest ground water detections were 302 ppb 1,1,1-TCA, 12.8 ppb PCE, and 237 ppb TCE.

On September 10, 2012, a Phase I site assessment was submitted by Turn-Key Environmental Consultants to the Ohio EPA. The Phase I site assessment noted three concerns: 1) Potential releases from former plating operations, exterior storage of chemicals and wastes with identified staining/cracks/corroded concrete/storm drains, and confirmed soil and ground water contamination; 2) A former heating oil UST was removed from the property in 1986; soil samples were taken from the base of the excavation and from the excavated soil. However, no closure report was prepared and no lab report is available; 3) The property is 500 feet from a federal Superfund site (Behr). Ground water just south of the Simclar property contains 100 ppb of TCE. Hence, there may be co-mingling of plumes.

The Phase I site assessment concluded that further investigation was needed to determine: 1) the source and extent of contamination, 2) whether additional areas of contamination exist, and 3) if contamination is migrating off-site.

Ohio EPA has been working with two identified potentially responsible parties (PRPs) to negotiate orders requiring them to investigate the site and perform any necessary cleanup; however, the PRPs have not been willing to sign up to an order. Consequently, the case was referred to the Ohio Attorney General's Office and negotiations are ongoing.

The possibility exists for the ground water plume to be migrating offsite and contributing to vapor intrusion in a downgradient residential area.

Madelyn Adams /
Preparer's Signature:

Madelyn Adams
Print Name/Signature

Date: 11/9/2016

EPA Regional Review and Site Assessment Decision

- ☒ Incident for further action under CERCLA
☐ Not a valid site or incident

Defer/Refer to:

- ☐ Removal Program
☐ State/Tribal Program
☐ RCRA
☐ Brownfields
☐ Other: _____

Regional EPA Reviewer: CHRYSTAL BRANTLEY/
Print Name/Signature

October 3, 2016
Date